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54 **Process and apparatus for the devolatilization of polymer solutions.**

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- feeding the solution via inlet 1 to a zone of indirect heat exchange (21), in which the ratio of the surface used for the heat exchange to the flow of the solution is above 80 m²/m³/h;
 - passing the solution through each of the channels (14) at a speed of less than 0.5 mm/second;
 - keeping the polymer solution in each channel for about 120 to 200 seconds and
 - separating the volatile components from the devolatilized polymer solution.

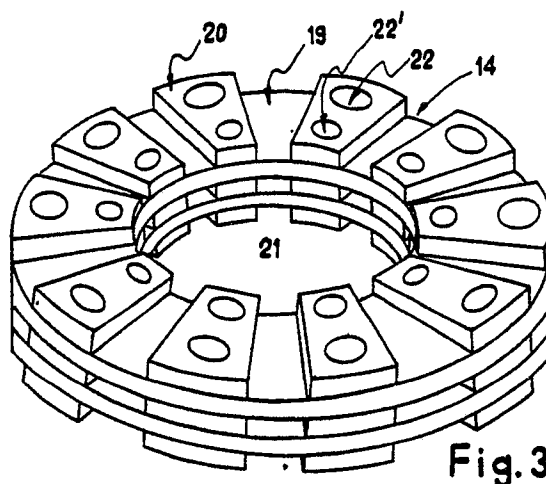


Fig. 3

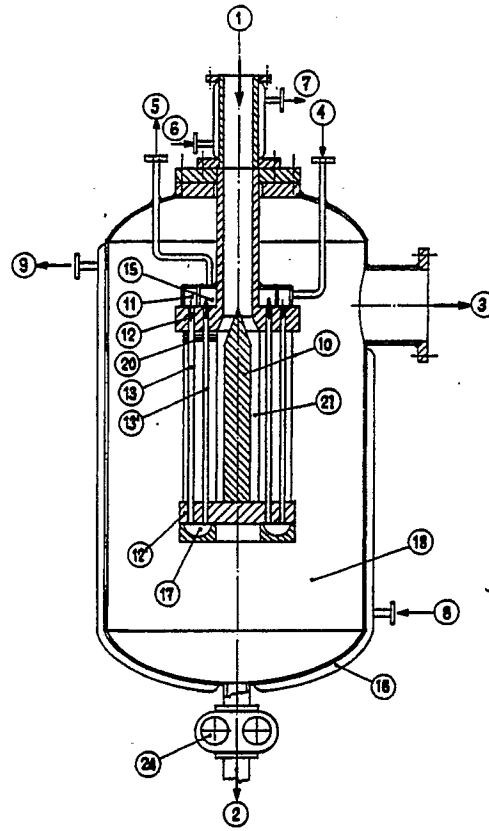


Fig. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D,X	EP-A-0 226 204 (GENERAL ELECTRIC CO.) * Column 4, line 3 - column 5, line 34; column 5, line 49 - column 7, line 56; claims; fig. * ----	1-13	B 01 D 19/00 B 01 D 1/22 B 01 D 3/06 C 08 F 6/10 F 28 F 1/32 F 28 F 3/08
D,A	US-A-4 153 501 (P. FINK) * Column 6, lines 4-13,20-52; figures * -----	8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 01 D C 08 F C 08 C F 28 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-03-1990	Examiner VAN BELLEGHEM W.R.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			